Calculations by Coffey...

1 mi = 1609.35 meters

1 mph = 5,280 ft in 60 min = 88'/min = 88'/60 sec = 1.47'/sec

1.47' = ? meters =

mph =

1609.35 · meters/hr = 1609.35 meters/60-min = 26.8 meters/min

= 26.8 meters/60 sec = .447 meters/sec

✓1 3.0 mph → 3(.447) meters/sec = 1.34 meters/sec

1/2 4.0 mph → 4(.447) meters/sec = 1.788 meters/sec

1/3 5.0 mph → 5(.447) meters/sec = 2.235 meters/sec

1/4 6.0 mph → 6(.447) meters/sec = 2.682 meters/sec